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CLAIMS

1. A device for handling glass or other sheet material, said device being in the form of a wheeled trolley and having at least one vacuum grip for releasable attachment to the surface of the sheet to thereby support the sheet from the trolley, said trolley having at least one ground-engaging wheel, and means enabling the height of the vacuum grip relative to the wheel to be adjusted.
2. A device according to claim 1, wherein the trolley comprises a support shaft which extends upright in use of the trolley, and the vacuum grip is mounted for movement along the shaft into a selected position with means to secure the grip in the selected position.
3. A device according to claim 2, wherein the shaft has a series of apertures spaced lengthwise of the shaft and the vacuum grip is secured in a selected position by engagement of a removable lock member in a selected one of the apertures.
4. A device for handling glass or other sheet material, said device being in the form of a wheeled trolley capable of manual manipulation and having a support shaft which extends upright in use of the trolley, two or more vacuum grips mounted on the shaft for movement into selected positions along the shaft, and means for supporting at least one of the grips in a selected position along the shaft.
5. A device according to claim 4, wherein the means for supporting the said one grip in a selected position comprises means for locking the vacuum grip against movement relative to the shaft in the selected position.
6. A device according to claim 5, wherein the second vacuum grip is associated with means for positively locking that grip to the shaft in a selected position.
7. A device according to claim 4, wherein the means for supporting the said one grip is operative to permit controlled lowering of that grip relative to the shaft under the weight

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of the sheet carried by the grip.

8. A device according to the claim 7, wherein the means for supporting the first grip comprises a winch system carried by the trolley, a winch cable of the winch system
5 passing downwardly relative to the shaft, the first grip being attached to a lower end portion of the winch cable such that operation of the winch is effective to raise the first grip and the sheet carried thereby, and the winch is controllable to permit lowering of the first grip and the sheet carried thereby under the weight of the sheet.
- 10 9. A device according to claim 7, wherein the means for supporting the first grip in a selected position comprises a gas spring releasable to effect controlled lowering of the first grip under the weight of the sheet carried thereby.
- 15 10. A device according to any one of claims 7 to 9, wherein the second grip is mounted on the shaft for sliding movement along the shaft independently of the first grip, the two grips being coupled for co-joint movement when both are attached to the sheet.
- 20 11. A device for handling glass or other sheet material, said device being in the form of a wheeled trolley capable of manual manipulation and having at least one vacuum grip for releasable attachment to the surface of the sheet to thereby support the sheet from the trolley, the trolley having at least one ground-engaging wheel.
- 25 12. A device according to claim 11, wherein the trolley comprises a support shaft which extends upright in use of the trolley and the vacuum grip is mounted to the shaft.
13. A device according to claim 12, having at least one further vacuum grip mounted to the shaft and spaced along the shaft relative to the first vacuum grip.
- 30 14. A device according to any one of claims 11 to 13, wherein the or each grip is mounted in a fixed position relative to the shaft.

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15. A device according to any one of claims 11 to 13, wherein the or each vacuum grip is mounted in adjustable positions along the shaft.

16. A device according to any one of claims 11 to 15, having means for supporting a lower edge of the sheet in the event of failure of the or each vacuum grip to provide the required support.

17. A device according to any one of claims 11 to 13, or claim 15, having means to permit controlled lowering to the ground of the sheet supported by the or each grip.

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18. A device according to any one of claims 1 to 17, wherein the trolley has at least one caster wheel.

19. A device according to claim 18, wherein the trolley has two caster wheels arranged in tandem in a direction transversely to the plane of the sheet carried thereby, the configuration of the two or more wheels in the trolley being such that the weight of the sheet carried thereby will not induce tipping of the trolley in a fore-aft direction transversely to the plane of the sheet.

20. A sheet handling system having two or more devices as claimed in any one of the preceding claims, said devices being separate and being independently connected to the sheet at spaced positions along the length of the sheet.

21. A sheet handling device substantially as hereinbefore described with reference to the accompanying drawings.

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